

In the Claims:

This Listing of Claims shall supersede all prior listings of claims submitted in this application. Claims 1-4, 12-16, 19, 21, and 32 are pending. Claims 1 and 12 are amended.

Listing of Claims:

1. (Currently Amended) A method of killing ectoparasites on a subject, said method comprising:

topically administering an alcohol-free, insecticide-free, polysorbate 80-free composition to an area on the subject where ectoparasites are present, wherein the composition comprises a carrier and an ectoparasitocidal agent consisting essentially of isopropyl myristate at a concentration between ~~10%~~ 35% and 70% w/w, and wherein further at least ~~up to~~ 82 % of the ectoparasites are killed within 1 hour after administration of the composition and retention thereof on the treated area for 10 minutes.

2. (Original) The method according to claim 1, wherein said ectoparasites are selected from the group consisting of lice, mites, ticks, and fleas.

3. (Original) The method according to claim 2, wherein the subject is a mammal.

4. (Original) The method according to claim 3, wherein the mammal is a human and the ectoparasites are head lice.

5.-11. (Canceled)

12. (Currently Amended) A method of killing ectoparasites on a subject, said method comprising:

topically administering to an area on the subject where ectoparasites are present an insecticide-free, polysorbate 80-free composition comprising a carrier and an ectoparasitocidal agent consisting essentially of isopropyl myristate at a concentration of between ~~10%~~ 35% and

70% w/w, wherein killing by dehydration of at least ~~up to~~ 82 % is achieved within 1 hour of administration and retention thereof on the treated area for 10 minutes following stripping of wax from their cuticles.

13. (Original) The method according to claim 12, wherein said ectoparasites are selected from the group consisting of lice, mites, ticks, and fleas.

14. (Original) The method according to claim 13, wherein the subject is a mammal.

15. (Original) The method according to claim 14, wherein the mammal is a human and the ectoparasites are head lice.

16. (Original) The method according to claim 14, wherein the mammal is a dog or cat and the ectoparasites are fleas or ticks.

17.-31. (Canceled)

32. (Original) The method of claim 1 or claim 12, further comprising the step of combing killed ectoparasites out of the subject's hair with a nit comb.

33.-41. (Canceled)